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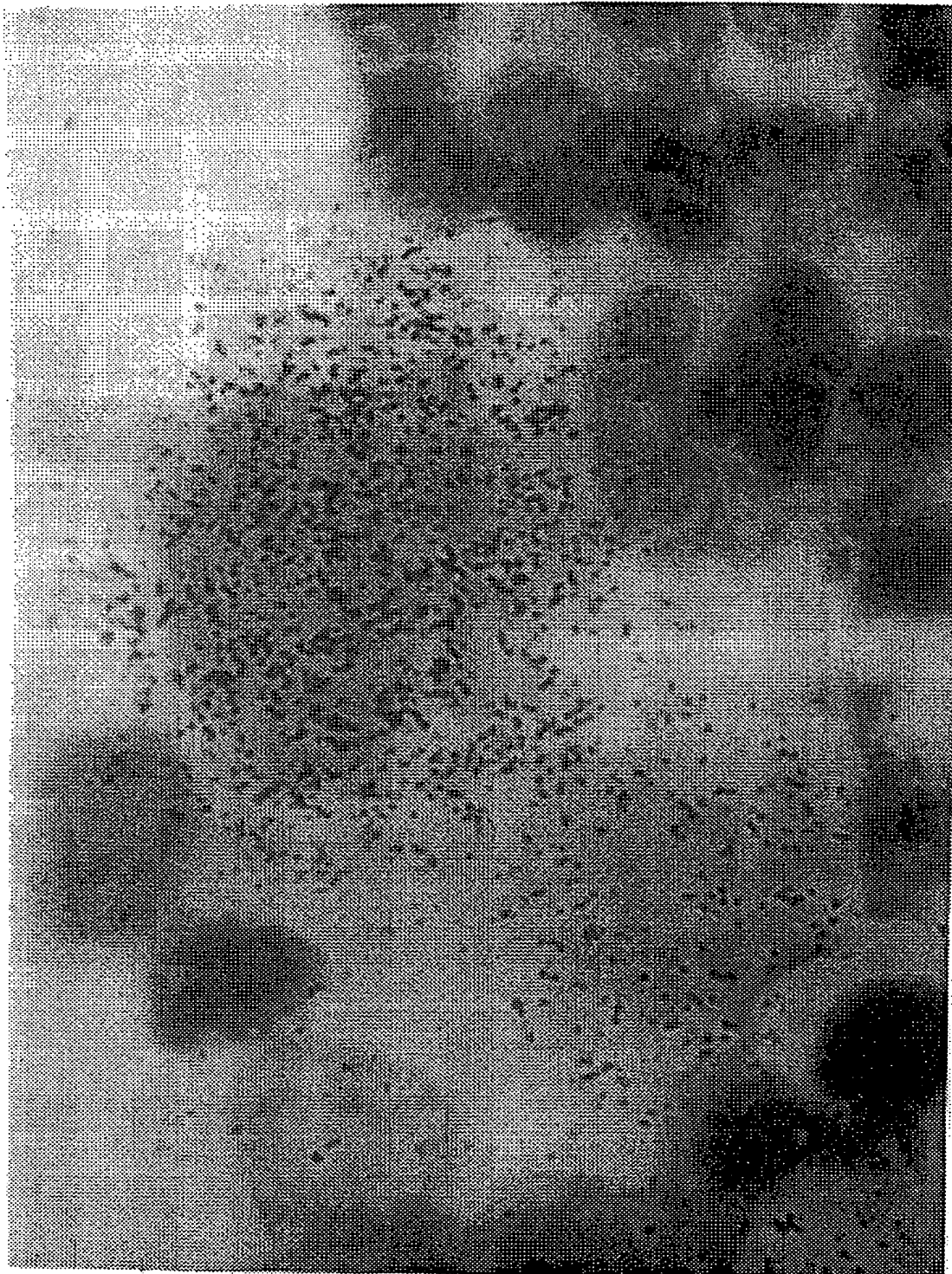
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**FIG. 1.**

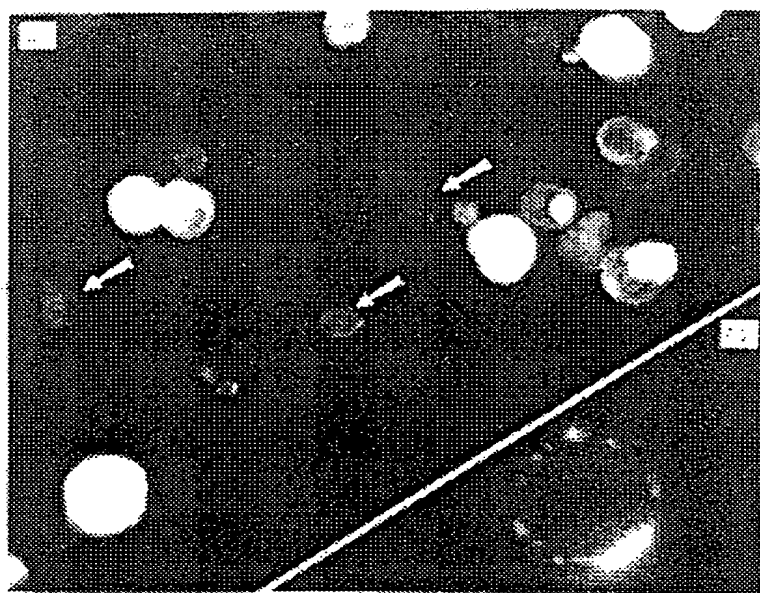


FIG. 2A.

FIG. 2B.

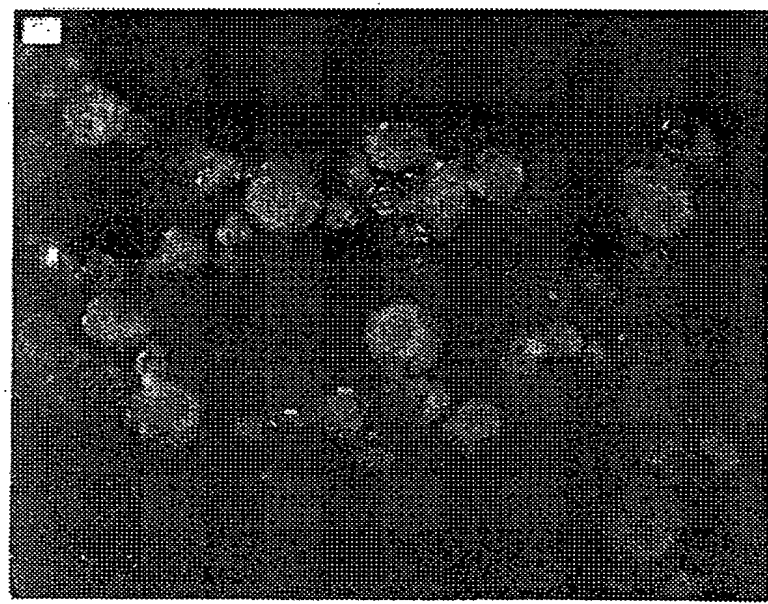


FIG. 2C.



HUMAN B-LYMPHOTROPIC VIRUS (HBLV)

FIG. 3.

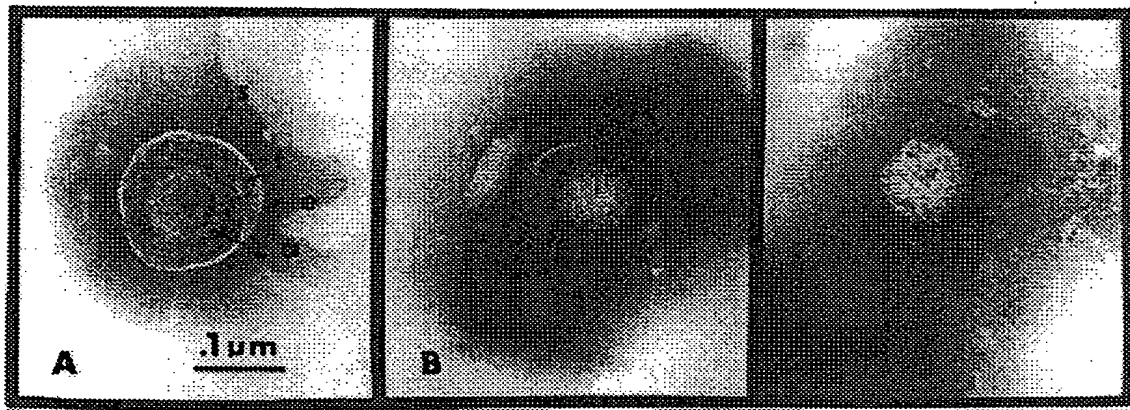
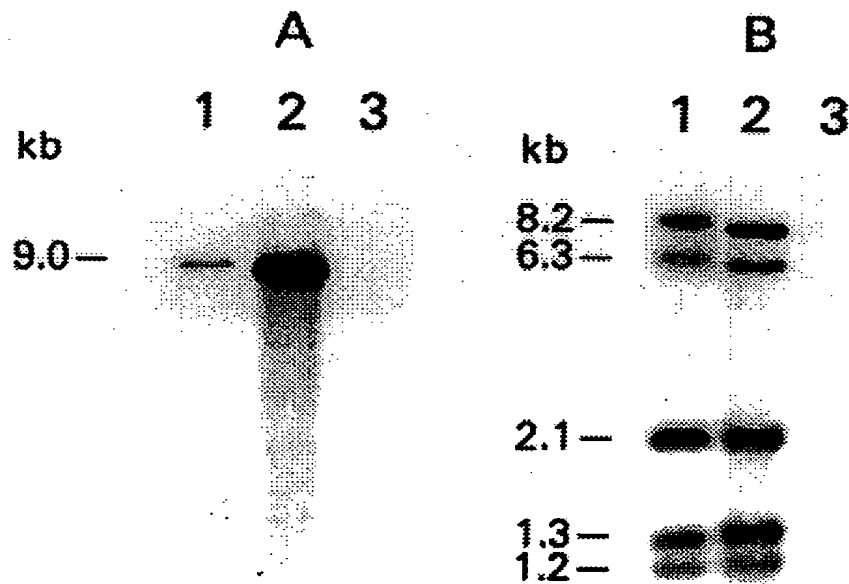


FIG. 4A.

FIG. 4B.

FIG. 4C.

HYBRIDIZATION OF HHV-6 SPECIFIC CLONE,  
ZVH-14 TO DNA FROM HBLV INFECTED  
CORD BLOOD LYMPHOCYTES.



A=Hind-III

B=Eco-RI

**FIG. 5A.**

**FIG. 5B.**

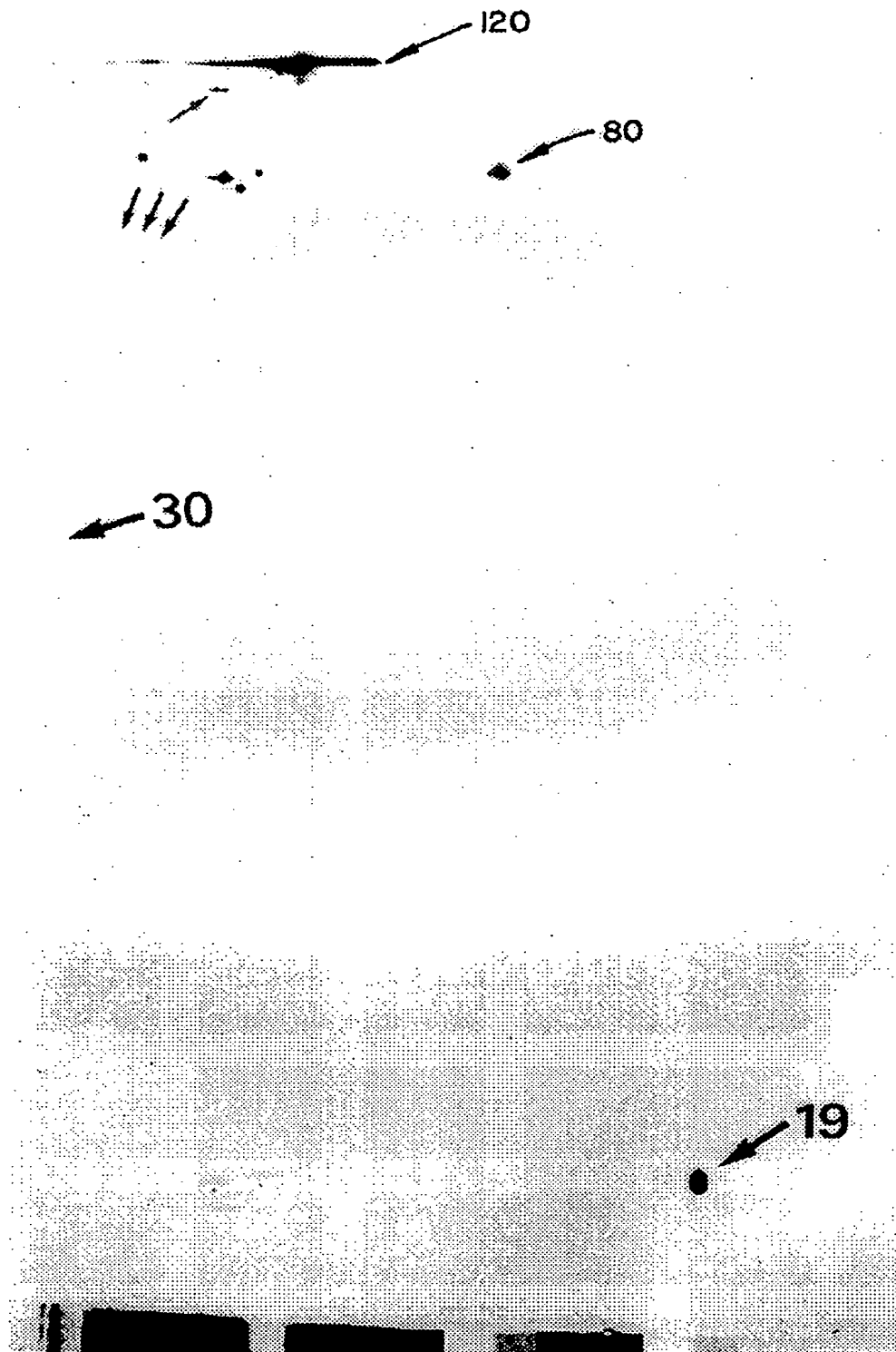
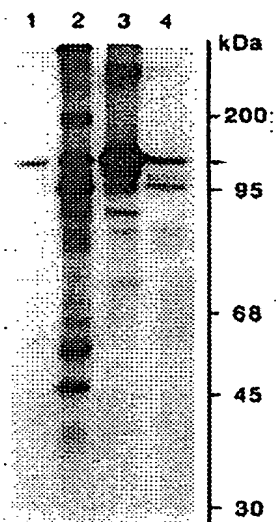


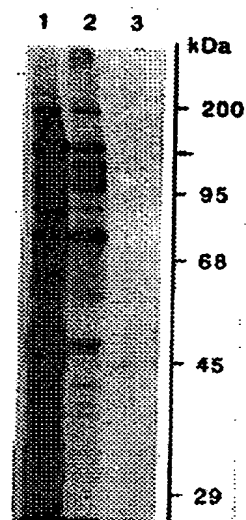
FIG. 6.



3 hrs <sup>35</sup>S Methionine and <sup>35</sup>S cysteine  
labeled HSB-2 infected cells.

- Lane 1. HBLV negative serum by IFA
- Lane 2. Rabbit HBLV hyperimmune serum
- Lane 3. HBLV high positive serum by IFA from  
CFS patient
- Lane 4. HBLV low positive serum by IFA

**FIG. 7A.**



HBLV positive serum by IFA reacted  
with

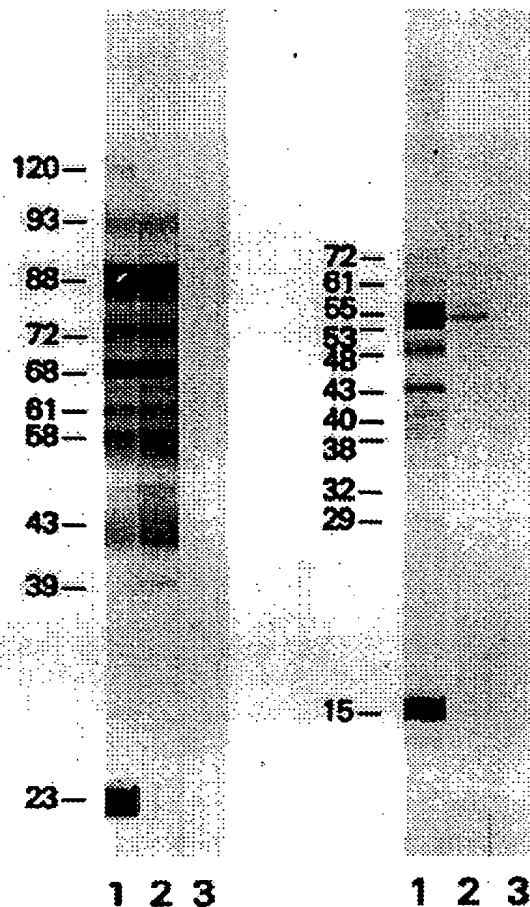
- Lane 1. 15 hrs labeled - HBLV infected HSB-2 cell  
supernatant
  - Lane 2. infected cells (HSB-2) lysates.
  - Lane 3. Uninfected cells (HSB-2) lysates.
- ♦ 120 kDa consistently recognized in HBLV positive  
sera

**FIG. 7B.**





# WESTERN BLOT ANALYSIS OF HBLV PROTEINS



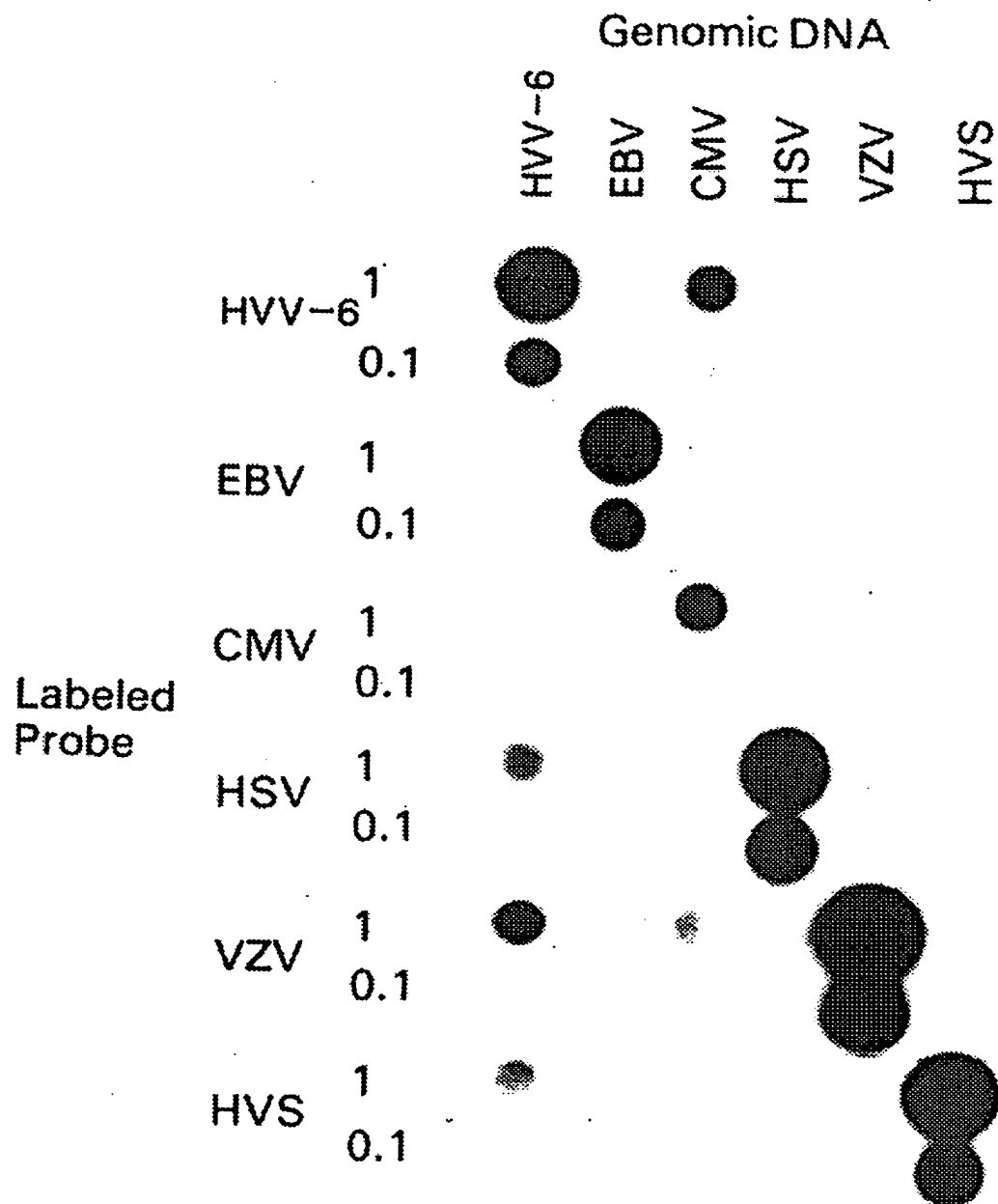
**FIG. 9A. FIG. 9B.**

**A = Concentrated HBLV from HSB-2 Cells**

**B = HSB-2 Cell Lysates**

**Lane 1 and 2: HBLV Antibody Positive Sera**

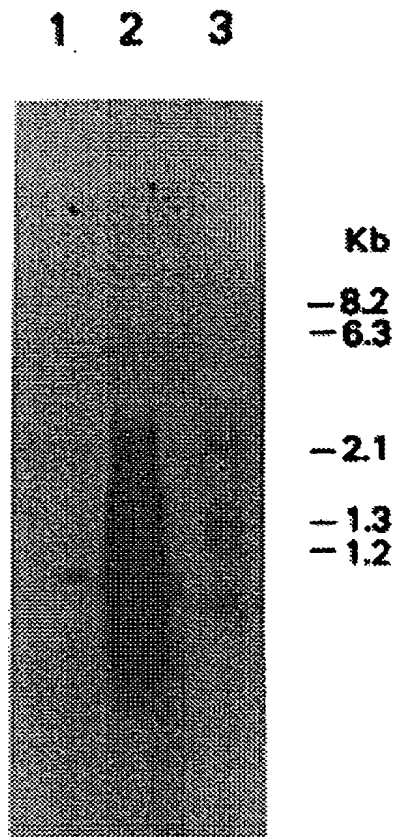
**Lane 3: HBLV Antibody Negative Serum**



SPECIFIC HYBRIDIZATION OF HUMAN DNA VIRUS PROBES TO  
 GENOMIC DNA OF HUMAN HERPES VIRUSES BY DNA DOT  
 BLOT ANALYSIS.

1 UNIT = 25 µg DNA

*FIG. 10.*



HBLV Sequences in a follicular  
Large cell Lymphoma.

LANE 1 — Negative Control

LANE 2 — Tumor Cell DNA

LANE 3 — DNA from HBLV positive BL

DNA from negative and positive  
controls and Tumor (Lane 2) was  
digested with EcoR-1.

**FIG. IIA.**

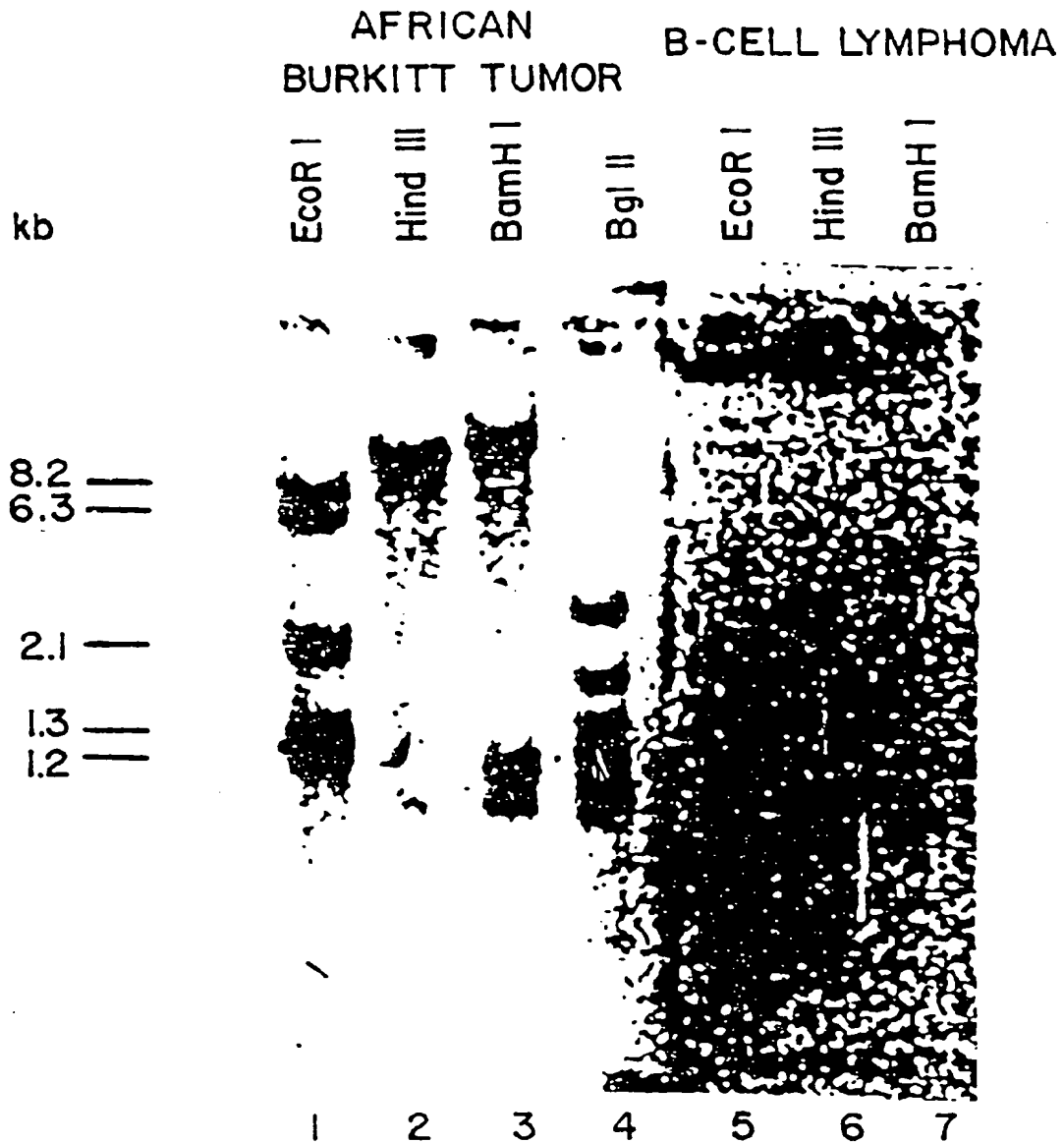
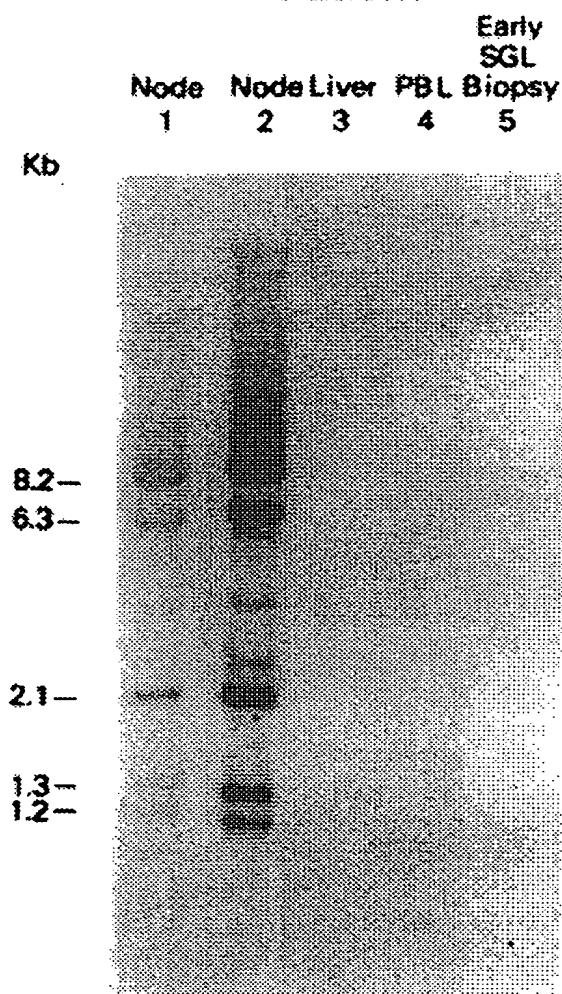


FIG. 11B.

# **Detection of HBLV Sequences in B-Cell Tumors Arising in a Sjögren's Syndrome Patient**



LANE 1 ABDOMINAL NODE  
LANE 2 THORACIC NODE  
LANE 3 PERIPHERAL BLOOD LYMPHOCYTES  
LANE 4 LIVER  
LANE 5 EARLY SALIVARY GLAND BIOPSY

**FIG. IIC.**

# RESTRICTION ENZYME ANALYSES OF THE HBLV GENOME

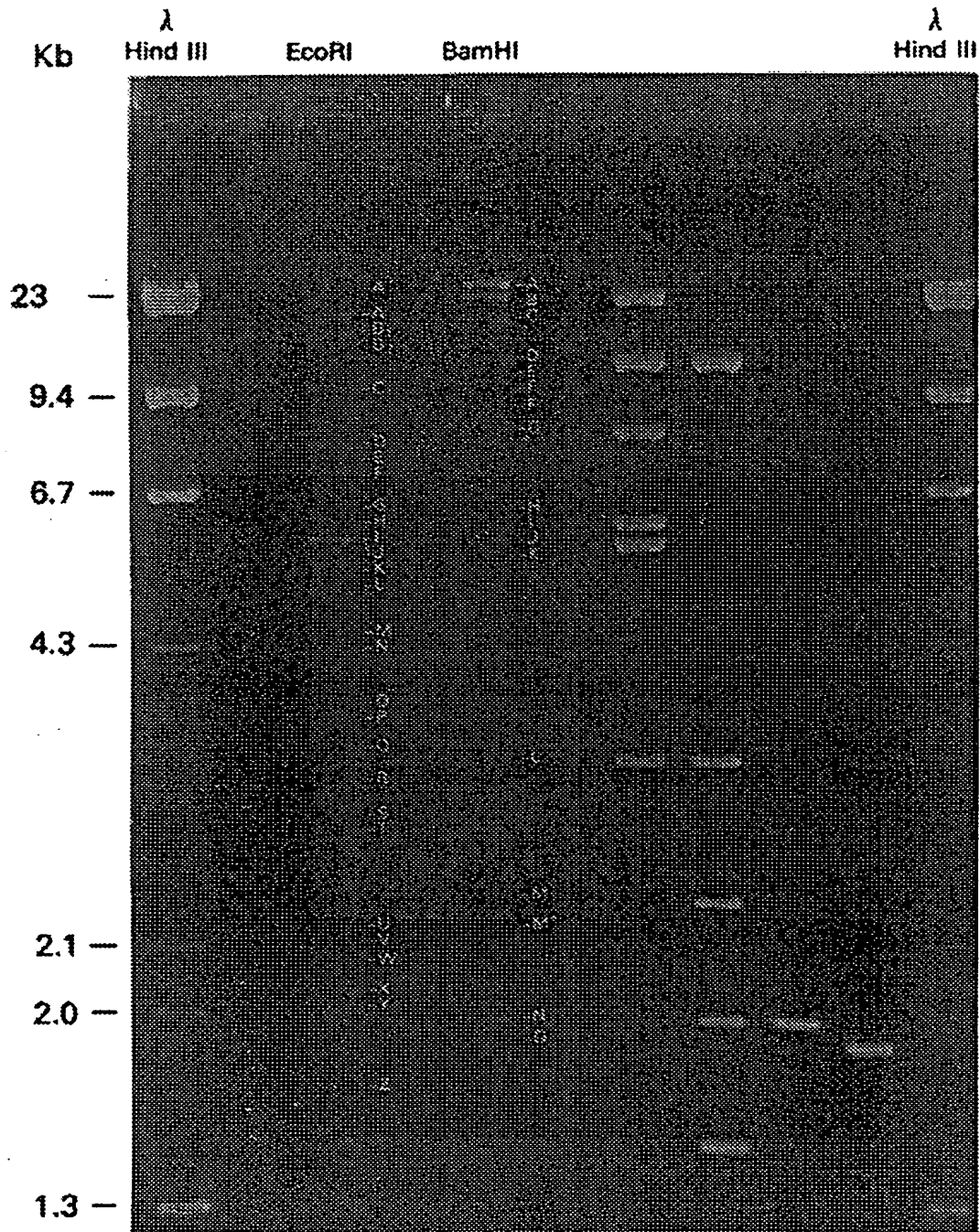


FIG. 12.

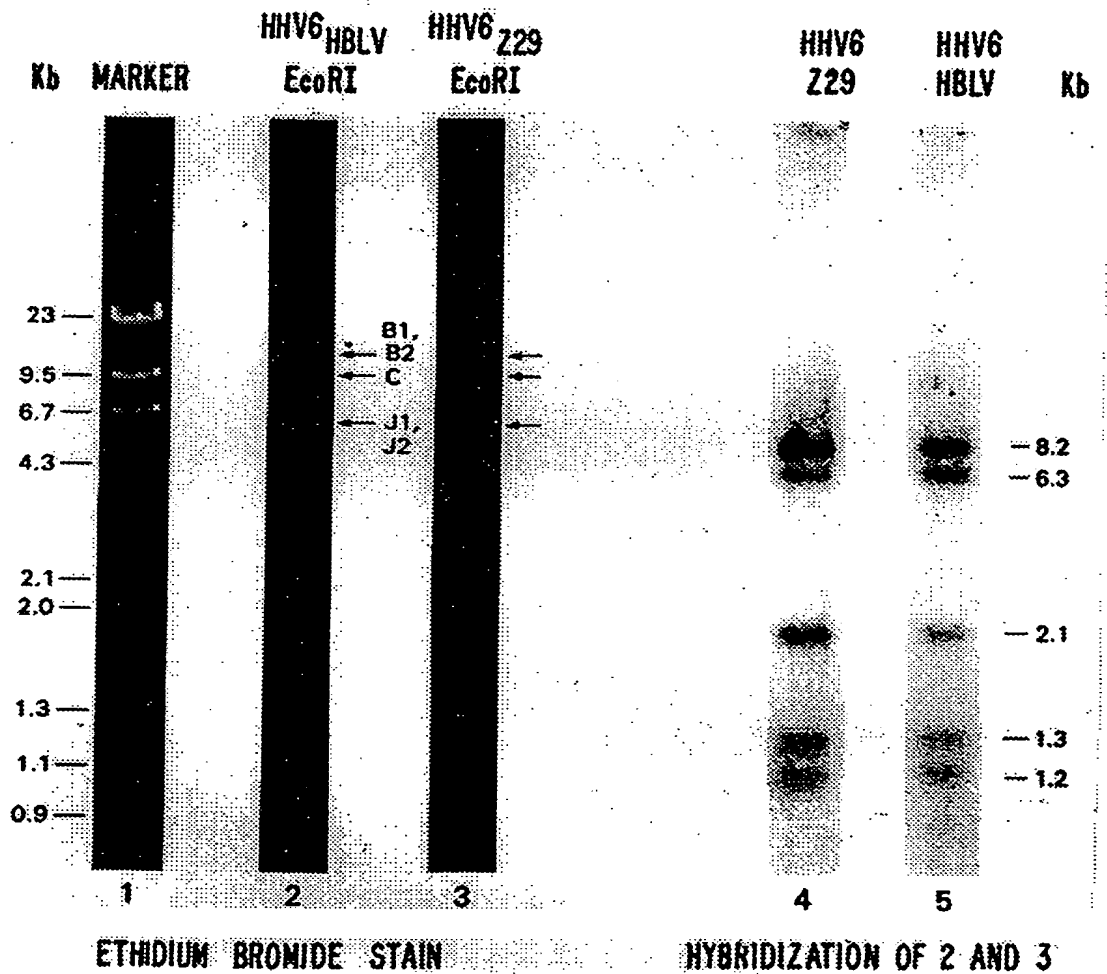


FIG. 13A.

FIG. 13B.



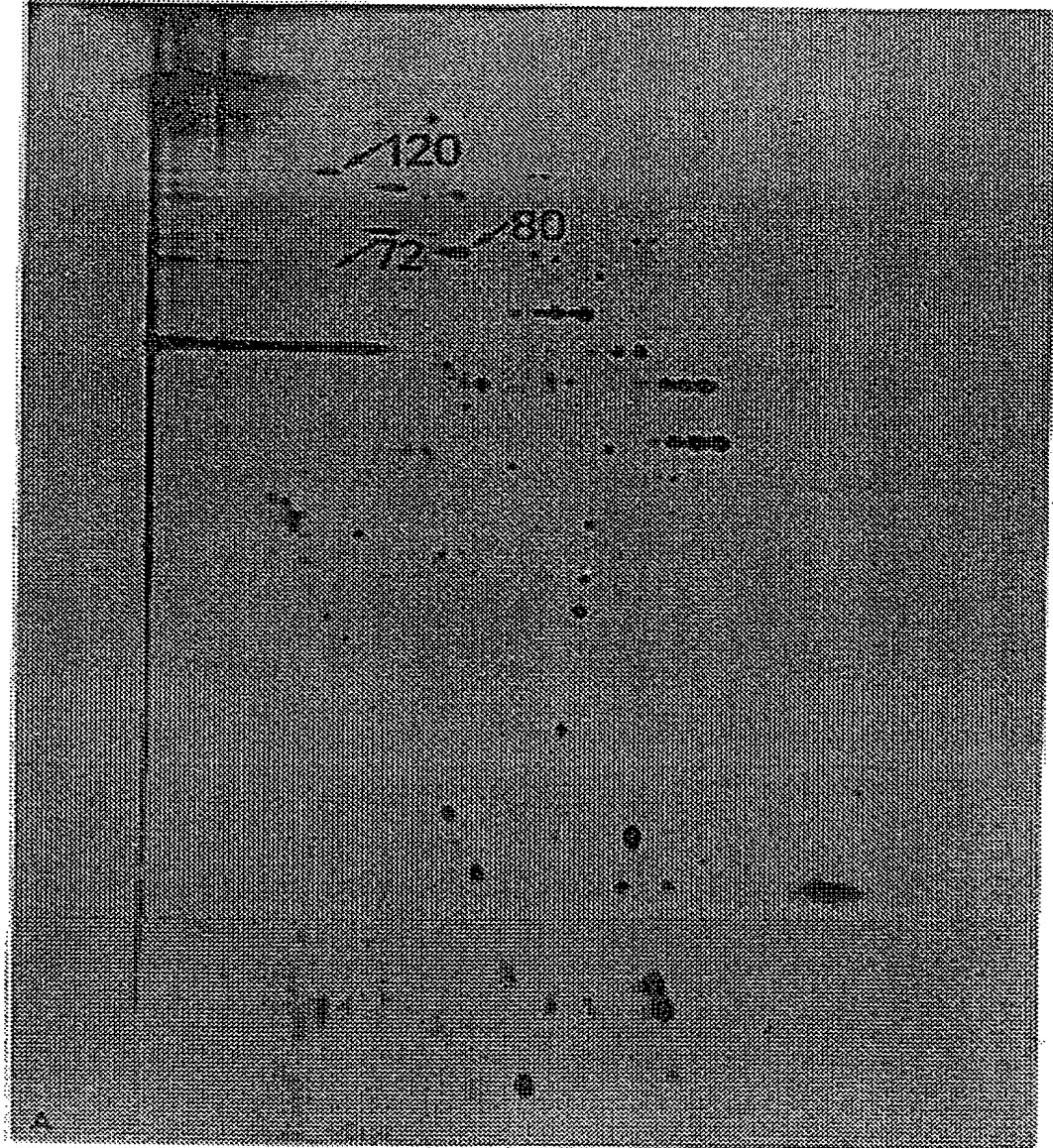
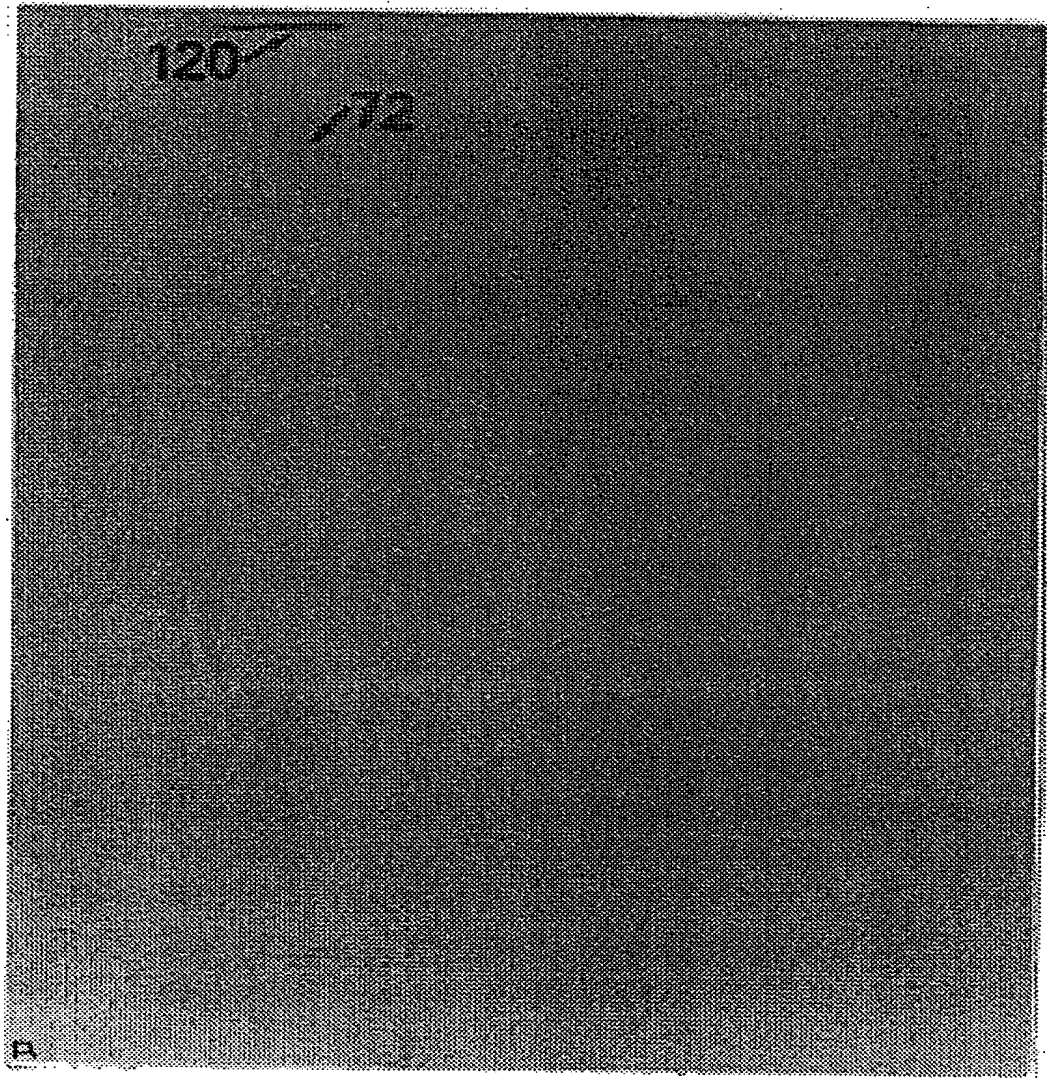


FIG. 14.



**FIG. 15.**

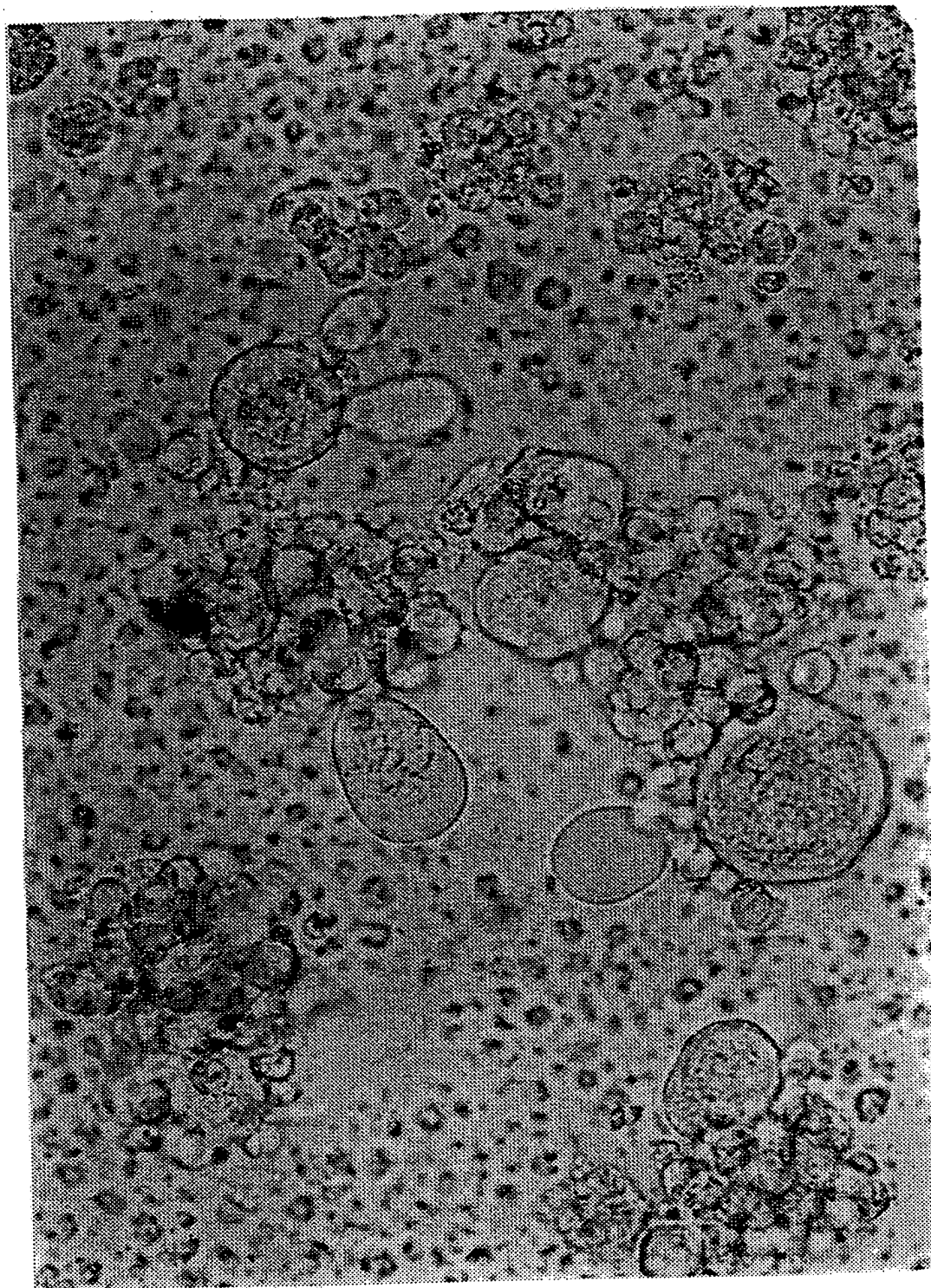


FIG. 17.